

Bridge Energy DJS Properties 1-14 Core Descriptions

1527 Shale 100% medium to dark gray green, soft, ductile, occasionally very slightly silty, traces upper to lower very course grain quartz, tight.

1528 Shale 100% medium to dark gray green, soft, ductile, occasionally very slightly silty, traces upper to lower very course grain quartz, occasional thin silty lamination 1 to 3 mm thick, very abundant mica throughout, tight.

1529 Shale 100% medium to dark gray green, soft, ductile, occasionally very slightly silty, traces upper to lower very course grain quartz, occasional thin silty lamination 1 to 3 mm thick, very abundant mica throughout, tight.

1530 Shale 100% medium to dark gray green, very slightly silty, abundant mica, abundant chlorite, soft to very soft, tight.

1531 Shale 100% medium to dark gray green, soft, ductile, occasionally very slightly silty, traces upper to lower very course grain quartz, occasional thin silty lamination 1 to 3 mm thick, very abundant mica throughout, tight.

1532 Sandstone 100% upper to lower fine grain, occasional lower medium grain, sub round to sub angular predominantly quartz, occasionally arkosic abundant mica traces chlorite, 80% loose grains 20% silty matrix support friable throughout, fair to good porosity, moderately bright yellow green fluorescence immediate milky cut no streaming cut moderate residual ring.

1533 Shale siltstone 100% light gray to gray green, soft occasionally silty to very fine arenaceous, shaley matrix support throughout, very abundant mica, traces throughout, tight.

1535 Sandstone 100% 70% upper to lower very course, 30% upper medium to lower fine grain, 60% grain support, 40% clay and silty matrix support, predominantly quartz, occasionally arkosic, abundant mica, abundant volcanic rock fragments, very good to excellent porosity, bright yellow green fluorescence, immediate bright milky cut, pin point streaming cut, heavy residual ring.

1537 Sandstone 100% 20% lower very course to upper course grain, 80% lower medium to lower fine grain, sub angular to sub round, predominantly grain supported, occasionally clay and silty matrix support, interbedded with thin silty to shaley laminations 2 to 10 mm thick, continued abundant mica, very good to good intergranular porosity, bright yellow green fluorescence, immediate milky cut, pin point streaming cut, heavy residual ring.

1538 Sandstone 100% upper to lower medium grain throughout, occasionally lower course and upper fine grains, 70% clay matrix supported, 30% grain supported, predominantly quartz, occasionally arkosic, abundant mica, occasional volcanic rock fragments, good to fair intergranular porosity, predominantly massive, bright yellow green fluorescence, immediate milky cut with pin point streaming cut, heavy residual ring.

1550 Sandstone 100% upper fine to lower medium grain, sub rounded to round, occasionally sub angular, predominantly quartz, occasionally arkosic, abundant mica, abundant hard black mineral grains, very good to excellent porosity, bright yellow green fluorescence, immediate bright milky cut pin point streaming cut.

1552 Sandstone 100% upper to lower very fine grain, occasionally lower fine grain, shaley matrix support, 35% mica, poor to very poor porosity, grading shaley to silty, possibly fractured, traces dull mineral fluorescence, slow dull milky cut, faint residual ring.

1554 Sandstone 100% dark gray green, predominantly upper finer to lower medium grain, angular to sub round, 85% quartz, 10% COAL FRAGMENTS, 5% mica, occasional volcanic fragments, occasional chlorite, predominantly clay matrix and silty matrix support, fair to poor intergranular porosity, soft to friable throughout, bright yellow green fluorescence, immediate milky cut, faint pin point streaming cut, heavy residual ring.

1572 Sandstone 100% medium to dark gray green, predominantly upper to lower fine grain, occasionally lower medium, sub angular to sub round, 70% quartz, 20% COAL FRAGMENTS, 10% mica, predominantly grain supported, traces clay matrix supported, occasionally volcanic rock fragments, traces chlorite, fair to good intergranular porosity, very bright yellow green fluorescence, immediate strong milky cut, heavy bright residual ring.

1574 Sandstone 100% dark gray green to gray black, predominantly upper to lower fine grain, occasionally upper very fine grain, traces medium grain, sub angular to sub round, 65% quartz, 30% COAL FRAGMENTS, 10% mica, predominantly grain supported, traces clay matrix support, occasional volcanic rock fragments, soft to friable throughout, fair to good intergranular porosity, very bright yellow green fluorescence, immediate strong milky cut, heavy bright residual ring.

1576 Sandstone 100% light to medium gray green, lower medium to lower fine grain, silty and shaley matrix support throughout, predominantly quartz, abundant mica, abundant chlorite, trace arkosick, occasional clay matrix support, fair to poor intergranular porosity, bright yellow green fluorescence, immediate milky cut, no streaming cut, dull residual ring.

1578 Sandstone 100% light to medium gray green, upper very fine to lower fine grain, round, well sorted, predominantly sorted, occasional clay matrix supported, predominantly quartz, abundant mica, traces chlorite, occasional thin shaley and thin silty laminations, fair to good intergranular porosity, fractured across core, bright yellow green fluorescence on fracture face, immediate milky cut, moderate residual ring.

1580 Sandstone 100% lower to upper fine grain throughout, traces lower coarse grain, sub angular to round, predominantly clay matrix support, occasional loose grains, abundant mica, abundant chlorite, trace volcanic rock fragments, fair to good intergranular porosity in stringers of clean loose grains, 2 to 5 mm thick, very bright yellow green fluorescence, immediate milky cut, no pin point streaming cut, moderately bright residual ring.

1622 Shale 100% dark gray green, very soft, very ductile, uniform throughout, massive, no visible grains.

1623 Sandstone 100% light to medium gray green, lower fine to lower medium grain throughout, sub angular to sub round, predominantly clay and shaley matrix support, abundant mica, occasional volcanic rock fragments, occasional chlorite, fair to poor intergranular porosity, tight, bright yellow green fluorescence, slow milky cut, faint residual ring.

1624 Sandstone 80% light to medium gray green, lower medium to upper fine grain throughout, predominantly clay matrix support, occasionally shaley matrix support, thin alternating laminations of sand, siltstone and shale 20%, poor to very intergranular porosity, bright yellow green fluorescence, dull milky cut, moderate residual ring.

1636 Silty Shale 100% medium to dark gray green, soft to very soft thin, very fine grained sandstone laminations, 2 to 10 mm thick clay matrix support, abundant chlorite, abundant mica, tight, dull yellow green fluorescence, slow milky cut, faint residual ring.